Incites into Citation Linking using the OAI-PMH

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Content

1. A model for IR citation linking
2. Citebase Search support for references in OAI

Example Record

- <metadata>
  - <dc:title>Small World Theories
  - <dc:creator>Amanda Huggenkis
  - <dc:identifier>http://myir.org/23/
  - <dc:identifier>http://myir.org/openurl?url_ver=Z39.88-2004&rft_id=oai:myir.org:23&…
  - <dc:relation>http://myir.org/openurl?url_ver=Z39.88-2004&rft_id=doi:5334/91:42&…

Example Record cont.

- OpenURL encoded reference
  - <identifier> = unambiguous reference to the resource
- OpenURL encoded citations
  - <relation> = a reference to a related resource
  - (in qualified d.c. relation.references)

Example IR Resolver Requests

- *Huggenkis, A (2003) “Small World Theories” J.THEO.PHIL. 4(2) 56-64*
- http://myir.org/openurl?url_ver=Z39.88-2004&rft_id=oai:myir:23
- http://myir.org/openurl?url_ver=Z39.88-2004&...&aulast=Huggenkis&jtitle=J.THEO.PHIL&pages=56-64

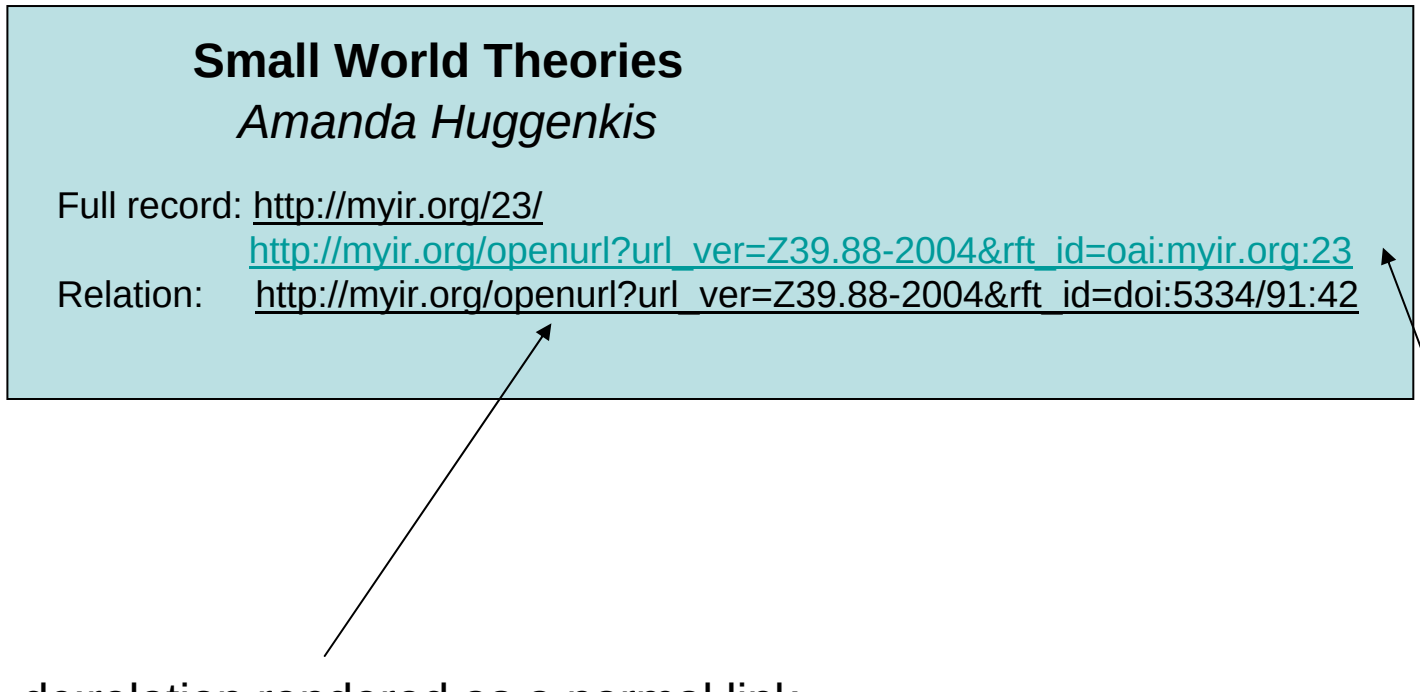
Why OpenURL Links?

- Simple case:
  - Identifier resolution (rft_id=?)
- (More) persistent/robust URL for linking
  - Recover broken links by
    - querying alternative resolver
    - general Web query for bibliographic data
- Type-of-service requests
  - Abstract jump-off page, full-text, SIP etc.

Scenario #1

- OpenURL-enabled IR
- Dublin-Core Service Provider
- Non-OpenURL user

Scenario #1 cont.



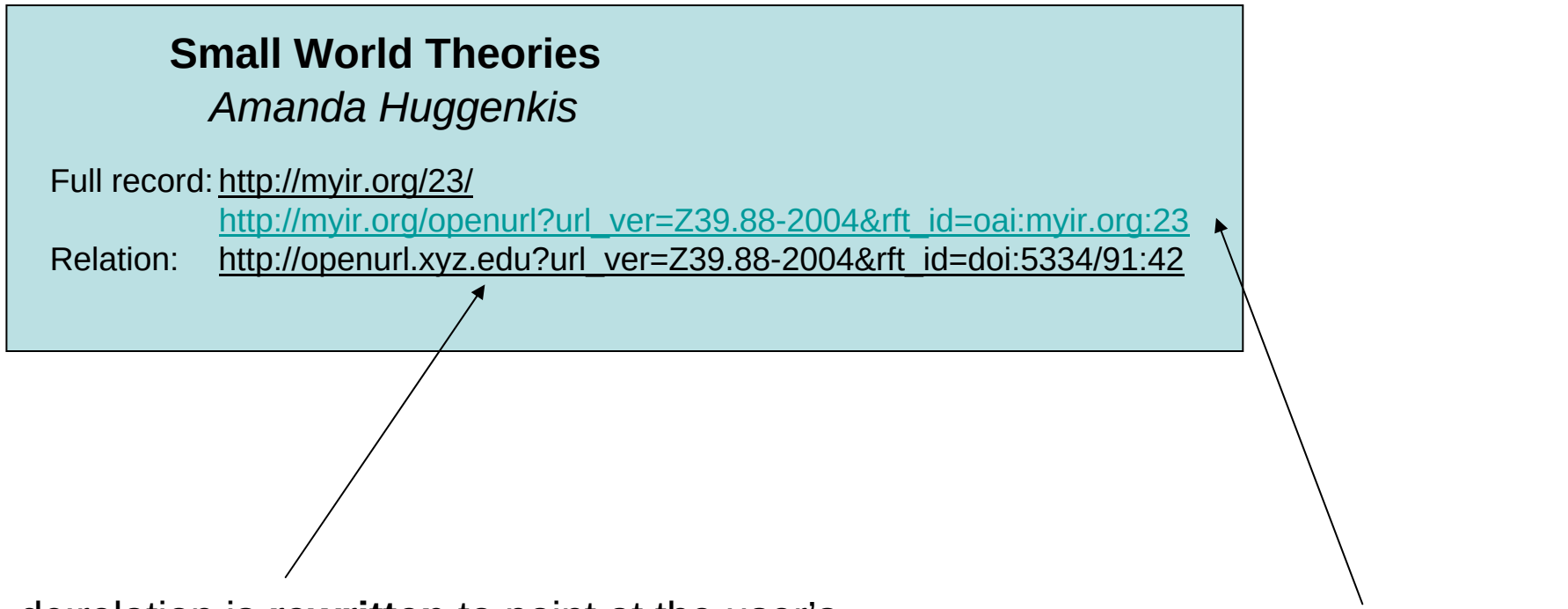
dc:relation rendered as a normal link, which *myir* may be able to resolve, or provide a redirect to public resolver

dc:identifier rendered as a normal link, and will be (correctly) resolved by *myir*

Scenario #2

- OpenURL-enabled IR
- OpenURL-aware Service Provider
- Non-OpenURL user

Scenario #2 cont.



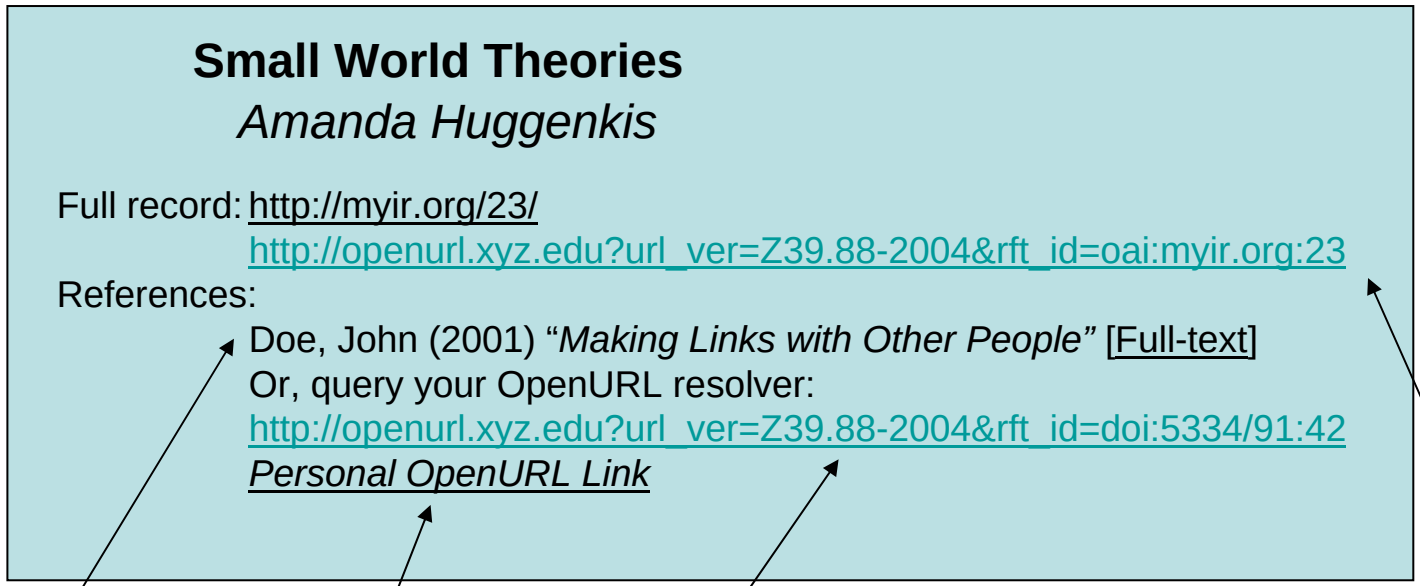
dc:relation is **rewritten** to point at the user's institutional OpenURL resolver

dc:identifier rendered as a normal link, and will be (correctly) resolved by *myir*

Scenario #3

- OpenURL-enabled IR
- OpenURL-aware Citation Database
- COinS-enabled user
  - (Experimental OpenURL support through browser-plugins/hidden ‘latent’ links)

Scenario #3 cont.



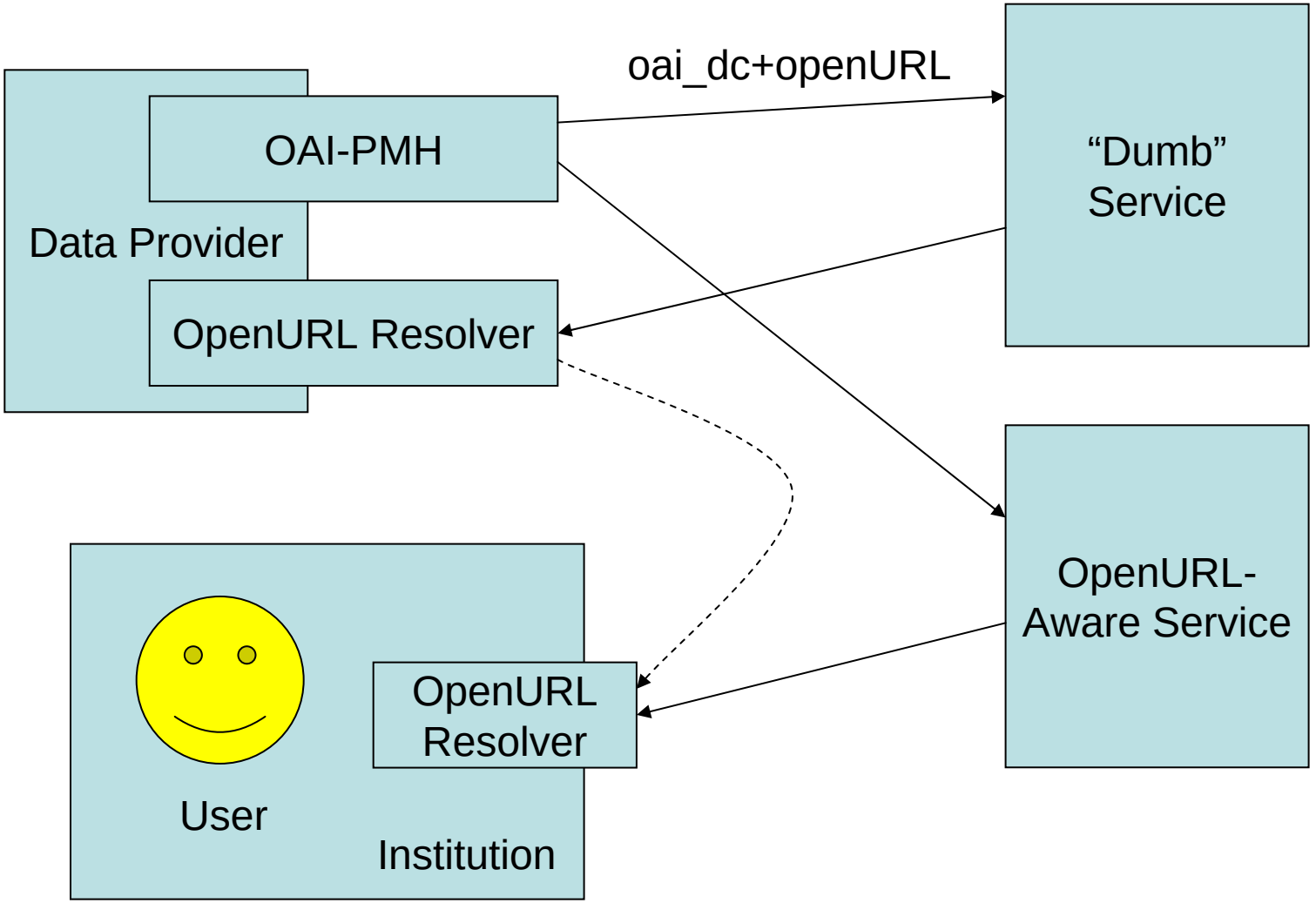
Service provided reference & full-text link

dc:relation is modified to point at the user's institutional OpenURL resolver

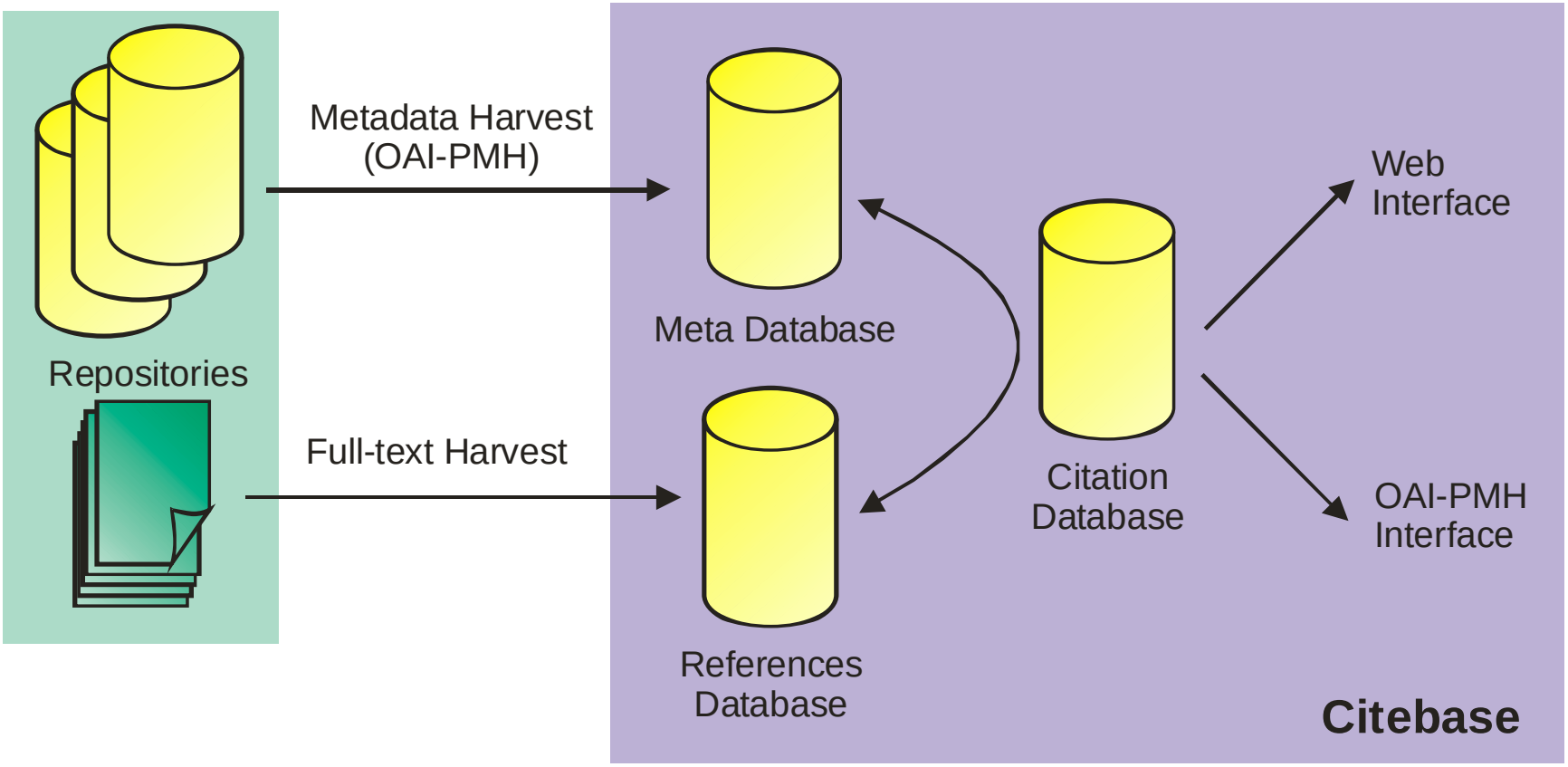
dc:identifier could be redirected to the user's institutional resolver

Personal OpenURL resolver link (inserted by browser plug-in)

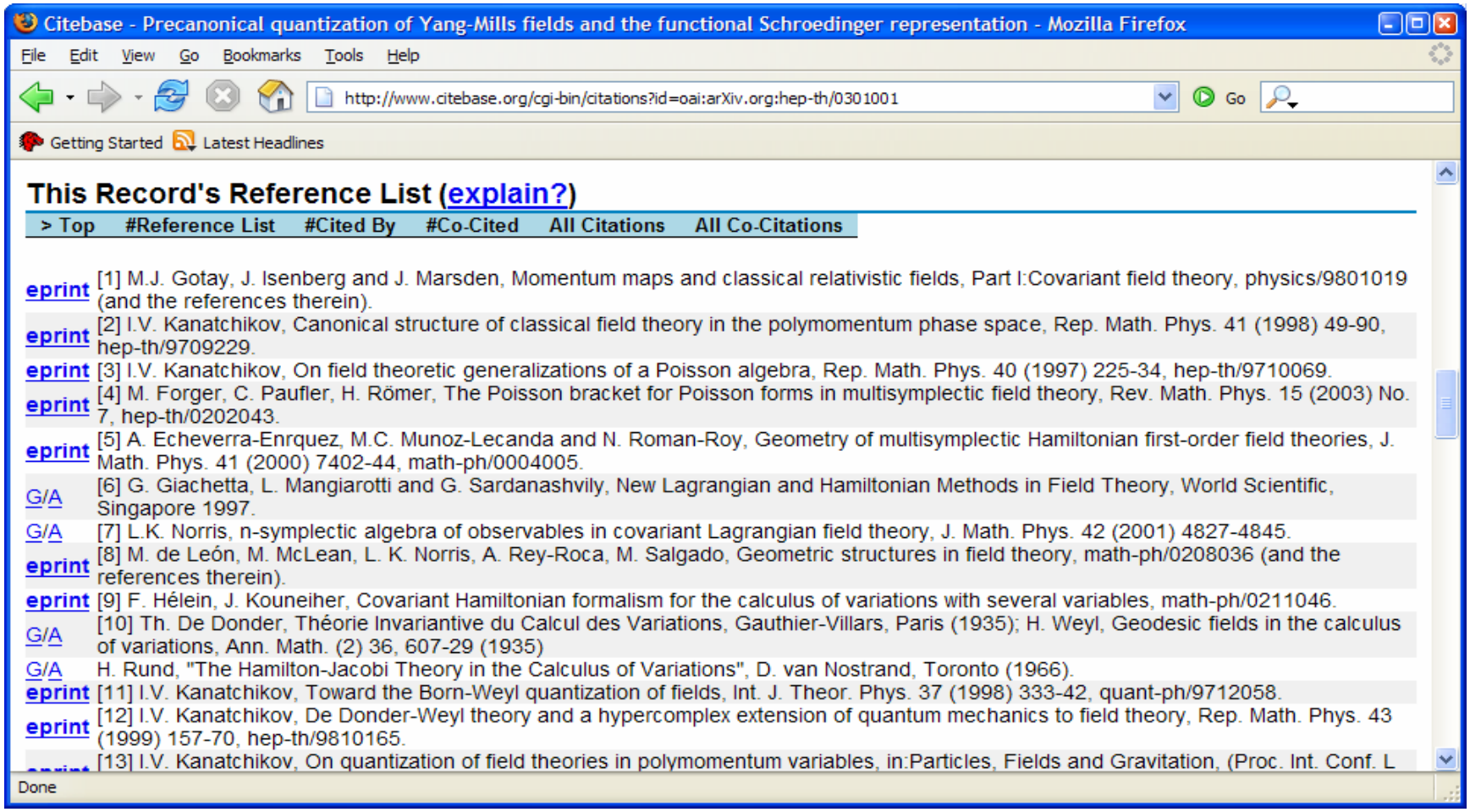
Model Summary



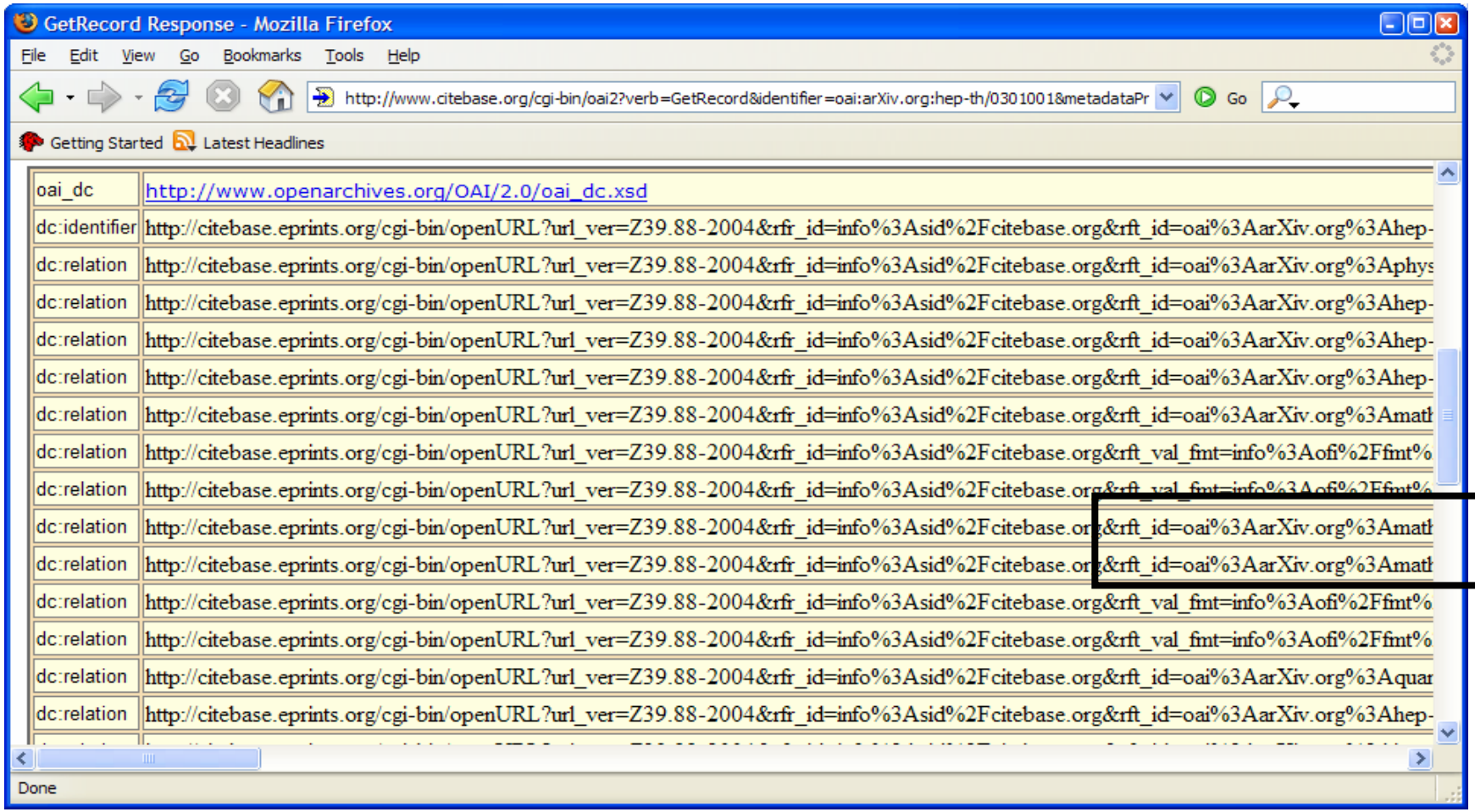
Citebase Search



Citebase-harvested References



References in D.C.



More Information …

- Citebase Search
  - http://www.citebase.org/
- NISO OpenURL
  - http://library.caltech.edu/openurl/
- DC Citation
  - http://dublincore.org/groups/citation/

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To-Do

- Integrate Dublin Core & OpenURL ref-links
  - E.g. feed in OAIster (scenario #1)
- Integrate OpenURL support into IRs
  - Export of bibliographic data
    - Enables structured IR in-links
  - Parsing & export of references in IR s/w?